

# Homework Assignment 4

Physics 105, Fall 04, Instructor: Petr Hořava

This assignment is due Friday, October 8. All problems are again from Hand & Finch (=HF).

The required reading consists of Sections 2.8, 2.9, and 3.1-3.5 of [HF].

Here are this week's problems; enjoy!

1. Parts (a), (b) and (c) of Problem 2 of Ch. 3, p. 114 of [HF];
2. Problem 3 of Ch. 3, p. 115 of [HF];
3. Problem 8 of Ch. 3, p. 117 of [HF];
4. Problem 9 of Ch. 3, p. 117 of [HF];
5. Parts (a), (b) and (c) of Problem 21 in Ch. 3, p. 121 of [HF].